



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Adams et al.

Serial No.: 09/397,342

Filed: September 15, 1999

For: UCP4

Group Art Unit: 1644

Examiner: M. Tung

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on

November 5, 2001

Diane L. Marschang

**AMENDMENT TRANSMITTAL**

BOX Non-fee Amendment  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Additional Fees
Total	0	-	20	0 x 18 =	\$0.00
Independent	0	-	3	0 x 80 =	\$0.00
<u>_</u> 0 Multiple dependent claim(s), if any				+ 270 =	\$0.00
Total Fee Calculation					\$0.00

No additional fee is required.

The Commissioner is hereby authorized to charge Deposit Account No. 07-0630  
in the amount of \$. A duplicate copy of this transmittal is enclosed.

Petition for Extension of Time is enclosed.

X

X The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17,  
or credit overpayment to Deposit Account No. 07-0630. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
GENENTECH, INC.

By: Diane L. Marschang  
Diane L. Marschang  
Reg. No. 35,600  
Telephone No. (650) 225-5416



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PATENT TRADEMARK OFFICE

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ED.  
Patent Docket P1626R1

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*Diane L. Marschang*  
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**AMENDMENT**

Box Non-fee Amendment  
Assistant Commissioner of Patents  
Washington, D.C. 20231

SIR:

This paper is being filed in response to the Office Action mailed May 4, 2001. Entry of the following amendment and consideration of the remarks herein are respectfully requested.

**IN THE SPECIFICATION:**

In the paragraph on page 9, lines 3-25, the text has been amended as follows:

-- "Percent (%) amino acid sequence identity" with respect to the UCP4 sequences identified herein is defined as the percentage of amino acid residues in a candidate sequence that are identical with the amino acid residues in the UCP4 sequence, after aligning the sequences and introducing gaps, if necessary, to achieve the maximum percent sequence identity, and not considering any conservative substitutions as part of the sequence identity. % identity can be determined by WU-BLAST-2, obtained from [Altschul et al., Methods in Enzymology, 266: 460-480 (1996)]. WU-BLAST-2 uses several search parameters, most of which are

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